

## Abstract

Dynamically creating a communication path between first and second storage devices, includes creating a connection to a source volume on the first storage device and indicating that the source volume is not ready to transmit data on the communication

5 path, after successfully creating the connection to the source volume, creating a connection to a destination volume on the second storage device and initially indicating that portions of one of: the destination volume and the source volume do not contain valid copies of data, where the destination volume accepts data from the source volume, and after successfully creating the connections to the source and destination volumes,  
10 indicating that the source volume is ready to transmit data on the communication path.

Dynamically creating a communication path between first and second storage devices, may also include creating at least one of: the source volume and the destination volume.

Creating the connection to the source volume may include modifying a table containing configuration information for the first storage device. Creating the connection to the

15 destination volume may include modifying a table containing configuration information for the second storage device.